

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A method for transmitting data in a telecommunication
5 network in communication with a telecommunication terminal device, the method comprising the steps of:

administering operating system data for an operating system running in
the telecommunication terminal device, in a data management
system remote from said telecommunication terminal device;

- 10 establishing a connection for transmitting data utilizing only call signaling
methods of the telecommunication terminal device, including said
operating system data, between the telecommunication terminal
device and the data management system;

- transmitting the operating system data utilizing only call signaling methods
15 of the telecommunication terminal device from said data
management system to a memory area of the operating system
running in said telecommunication terminal device;

checking the correctness of the data transmitted in the telecommunication
terminal device; and

- 20 in the case of an error:

a) aborting the connection ~~in case of error~~;

b) establishing another connection between the telecommunication
terminal device and the data management system; and

- c) repeating transmission of said operating system data from said
25 data management system to said terminal device.

2. (currently amended) The method of claim 1, wherein the step of establishing a
connection comprises utilizing a part requesting the assistance of the operating

system running in the telecommunication terminal device to initiate the establishment of the connection.

3. (original) The method of claim 2, wherein the step of checking comprises
5 forming and checking a checksum derived from the transmitted data.

4. (currently amended) The method of claim 3, wherein the step of checking further comprises utilizing a part ~~requesting the assistance~~ of the operating system running in the telecommunication terminal device.

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5. (original) The method according to claim 4, wherein the step of repeating transmission comprises repeating the data transmission periodically.

6. (original) The method of claim 1, further comprising the step of modifying the
15 operating system running in the telecommunication terminal device.

7. (original) The method of claim 1, further comprising the step of storing at least a part of the operating system data in the memory area of the operating system.

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8. (original) The method of claim 7, wherein the step of storing comprises ensuring that the operating system is not overwritten by the transmitted operating system data.

25 9. (original) The method of claim 1, further comprising the step of accepting in the data management system an answerback from the telecommunication terminal device regarding the correctness of the data transmission.

10. (original) The method of claim 1, wherein the step of checking further comprises accepting in the data management center an answerback from the telecommunication terminal device regarding the correctness of the data
5 transmission and repeating the data transmission after a predetermined time upon the occurrence of an error in the data transmission.

11. (original) The method of claim 1, wherein the step of establishing a connection comprises connecting to an ISDN telephone.

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12. (original) The method of claim 1, wherein the step of establishing a connection comprises connecting to a mobile telephone.

13. (original) The method of claim 1, wherein the step of transmitting comprises
15 compiling a copy of at least a part of the operating system.

14. (original) The method of claim 6, wherein the step of modifying further comprises activating the modified operating system given the correctness of the data transmission.

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15. (new) A method for transmitting data in a telecommunication network in communication with a telecommunication terminal device, the method comprising the steps of:

25 administering operating system data for an operating system running in the telecommunication terminal device, in a data management system remote from said telecommunication terminal device;

establishing a connection for transmitting data, including said operating system data, between the telecommunication terminal device and

the data management system by copying a connection program part to a first memory area of the telecommunication terminal device and beginning execution of the connection program part from the first memory area;

5 transmitting the operating system data from said data management system to a memory of the operating system running in said telecommunication terminal device, the operating system data being copied by the telecommunication terminal device in one or more program parts according to the following steps:

10 copying a first or only program part into a reserved memory area;
copying additional program parts, if present, into a second through nth memory area, where n corresponds to a total number of program parts; and

15 copying the first or only program part from the reserved memory area into the first memory area;

the method further comprising:

checking the correctness of the data transmitted in the telecommunication terminal device; and

in the case of an error:

20 a) aborting the connection in case of error;
b) establishing another connection between the telecommunication terminal device and the data management system; and
c) repeating transmission of said operating system data from said data management system to said terminal device.

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